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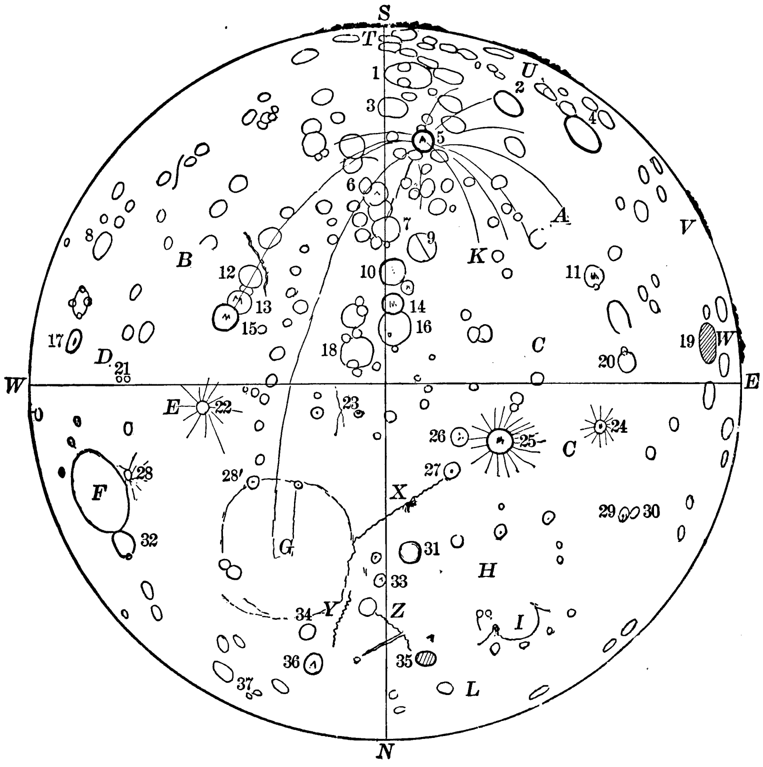
INDEX-MAP OF THE MOON.*

[By Professor Charles A. Young, Director of the Halstead Observatory,
Princeton, N. J.]

"The accompanying figure is reduced from a skeleton map of the moon, by Neison, and though not large enough to exhibit much detail, will enable a student, with a small telescope, to identify the principal objects by the help of the key."



KEY TO THE PRINCIPAL OBJECTS INDICATED ON THE INDEX-MAP.

A. Mare Humorum,
B. Mare Nectaris,
C. Oceanus Procellarum,
D. Mare Fecunditatis,
E. Mare Tranquilitatis,
F. Mare Crisium,
G. Mare Serenitatis,
H. Mare Imbrium,

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* We owe to the kind permission of Professor Young, and of his publishers, the right to reprint the following from his Elements of Astronomy, 1890.

I. Sinus Iridum,
K. Mare Nubium,
L. Mare Frigoris,
T. Leibnitz Mountains,
U. Doerfel Mountains,
V. Rook Mountains,
W. D'Alembert Mountains,
X. Apennines,
Y. Caucasus,
Z. Alps.

THE PRINCIPAL LUNAR CRATERS.

1. Clavius,
2. Schiller,
3. Maginus,
4. Schickard,
5. Tycho,
6. Walther,
7. Purbach,
8. Petavius,
9. "The Railway,"
10. Arzachel,
11. Gassendi,
12. Catherina,
13. Cyrillus,
14. Alphonsus,
15. Theopilus,
16. Ptolemy,
17. Langrenus,
18. Hipparchus,
19. Grimaldi,
20. Flamsteed,
21. Messier,
22. Maskelyne,
23. Triesnecker,
24. Kepler,
25. Copernicus,
26. Stadius.
27. Erathosthenes,
28. Proclus,
28'. Pliny,
29. Aristarchus,
30. Herodotus,
31. Archimides,
32. Cleomedes,
33. Aristillus,
34. Eudoxus,
35. Plato,
36. Aristotle,
37. Endymion.

THE OBSERVATORY OF SWARTHMORE COLLEGE.

By Miss Susan J. Cunningham, Director.

In consequence of a growing need felt in the teaching of Astronomy here at Swarthmore College, for some suitable apparatus for illustrating the methods of finding Latitude, Time, etc., it was determined, about five years ago, to make an effort to secure a small observatory equipped with instruments for teaching purposes. It was thought that, perhaps, a sum of $2000 would cover the cost of the necessary apparatus, and suitably house it; in consequence of this, a committee from the Board of Managers of the College was appointed to see what might be done in the way of obtaining subscriptions to the enterprise. The result was that a sum of about